

**PATENT ABSTRACTS OF JAPAN**

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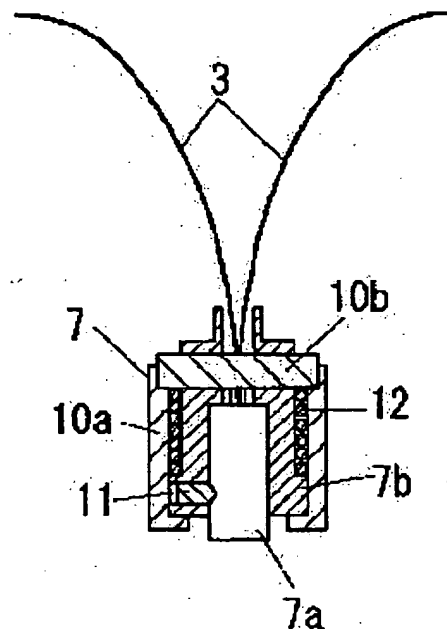
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**(54) NONINVASIVE BLOOD GLUCOSE MEASUREMENT METHOD AND NONINVASIVE GLYCEMIC METER**

(57)Abstract:

**PROBLEM TO BE SOLVED:** To carry out measurement with good accuracy by minimizing disturbance factors as far as possible.**SOLUTION:** The measurement is carried out by using a sensing part 7a which is set with a light emitting and receiving interval of near IR rays at  $\leq 2$  mm in the distance between centers and bringing this sensing part 7a into contact with the skin under a contact pressure of 100 to 750 gf/cm<sup>2</sup> at the time the glucose concentration in the skin tissue is noninvasively measured by bringing the sensing part 7a having a light emitting and receiving part for the near IR rays into abutment on the skin surface.**LEGAL STATUS**

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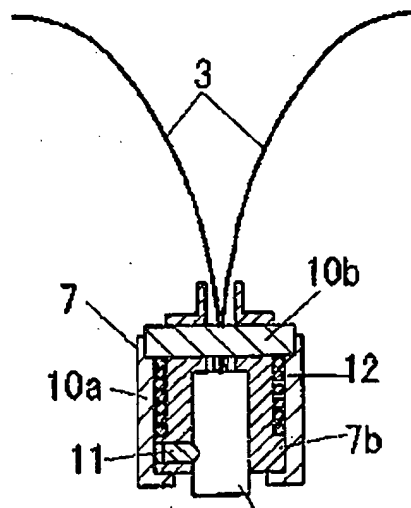
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(54) 【発明の名称】 非侵襲血糖測定方法及び非侵襲血糖計

(57) 【要約】

【課題】 外乱要因を出来る限り最小限に抑えることで精度の良い測定を行う。

【解決手段】 近赤外線を受発光部を備えたセンシング部7aを皮膚表面に当接させて皮膚組織中のグルコース濃度を非侵襲的に測定するにあたり、近赤外線を受発光間隔が中心間隔で2mm以下に設定されたセンシング部7aを用いるとともに該センシング部7aを100～750gf/cm<sup>2</sup>の接触圧力で皮膚に接触させて測定を行う。



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